

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 120

APRIL–JUNE 2012



Manoharachariella indica sp. nov.
(Rajeshkumar & Singh pp. 43–48— Conidia)
KUNHIRAMAN C. RAJESHKUMAR, *artist*

EDITORIAL ADVISORY BOARD

HENNING KNUDSEN (2008-2013), Chair
Copenhagen, Denmark

SEPPO HUHTINEN (2006-2012), Past Chair
Turku, Finland

WEN-YING ZHUANG (2003-2014)
Beijing, China

SCOTT A. REDHEAD (2010-2015)
Ottawa, Ontario, Canada

SABINE HUHNDORF (2011-2016)
Chicago, Illinois, U.S.A.

PETER BUCHANAN (2011-2017)
Auckland, New Zealand

Published by

MYCOTAXON, LTD.

P.O. BOX 264, ITHACA, NY 14851-0264, USA

www.mycotaxon.com & www.ingentaconnect.com/content/mtax/mt

© MYCOTAXON, LTD, 2012

MYCOTAXON

THE INTERNATIONAL JOURNAL OF FUNGAL TAXONOMY & NOMENCLATURE

VOLUME 120

APRIL–JUNE, 2012

EDITOR-IN-CHIEF

LORELEI L. NORVELL

editor@mycotaxon.com

Pacific Northwest Mycology Service

6720 NW Skyline Boulevard

Portland, Oregon 97229-1309 USA

NOMENCLATURE EDITOR

SHAUN R. PENNYCOOK

PennycookS@LandcareResearch.co.nz

Manaaki Whenua Landcare Research

Auckland, New Zealand

BOOK REVIEW EDITOR

ELSE C. VELLINGA

bookreviews@mycotaxon.com

861 Keeler Avenue

Berkeley CA 94708 U.S.A.

CONSISTING OF I–XII + 510 PAGES INCLUDING FIGURES

ISSN 0093-4666 (PRINT)

<http://dx.doi.org/10.5248/120.cvr>

ISSN 2154-8889 (ONLINE)

© 2012. MYCOTAXON, LTD.

MYCOTAXON

VOLUME ONE HUNDRED TWENTY — TABLE OF CONTENTS

COVER SECTION

<i>Errata</i>	viii
<i>Reviewers</i>	ix
<i>Submission procedures</i>	x
<i>From the Editors</i>	xi

RESEARCH ARTICLES

<i>Glomus trufemii</i> (<i>Glomeromycetes</i>), a new sporocarpic species from Brazilian sand dunes	Bruno Tomio Goto, Jomar Gomes Jardim, Gladstone Alves da Silva, Eduardo Furrázola, Yamir Torres-Arias & Fritz Oehl	1
Two new species of <i>Pluteus</i> section <i>Celluloderma</i> from the Dominican Republic	Alfredo Justo, Eliseo Battistin & Claudio Angelini	11
The lichen genus <i>Chapsa</i> (<i>Graphidaceae</i>) in India	Santosh Joshi, Dalip K. Upreti & Sanjeeva Nayaka	23
A new species of <i>Inonotus</i> (<i>Hymenochaetaceae</i>) and <i>Trametes cingulata</i> (<i>Polyporaceae</i>) newly recorded from Brazil	Maira Cortellini Abrahão & Adriana de Mello Gugliotta	35
<i>Manoharachariella indica</i> sp. nov. from the Western Ghats, India	Kunhiraman C. Rajeshkumar & Sanjay K. Singh	43
<i>Russula jilinensis</i> sp. nov. from northeast China	Guo-Jie Li, Sai-Fei Li, Xing-Zhong Liu & Hua-An Wen	49
<i>Acrogenospora hainanensis</i> sp. nov. and new records of microfungi from southern China	Jian Ma, Li-Guo Ma, Yi-Dong Zhang, Ji-Wen Xia & Xiu-Guo Zhang	59
A new species of <i>Nectria</i> on <i>Populus</i> from China	Zhao-Qing Zeng & Wen-Ying Zhuang	67
A new species of the lichen genus <i>Phlyctis</i> from Maharashtra, India	Gayatri Chitale & Urmila Makhija	75
Two new freshwater species of <i>Annulatascaceae</i> from China	Dian-Ming Hu, Lei Cai, Ali Hassan Bahkali & Kevin D. Hyde	81
New records of little-known species of <i>Carbomyces</i> (<i>Carbomycetaceae</i> , <i>Ascomycota</i>)	Gabriel Moreno, Marcos Lizárraga, Martín Esqueda, Ricardo Galán & Pablo Alvarado	89
<i>Cantharellus zangii</i> , a new subalpine basidiomycete from southwestern China	Xiao-Fei Tian, Bart Buyck, Shi-Cheng Shao, Pei-Gui Liu & Yan Fang	99
Seven lichen species new to Poland	Martin Kukwa, Anna Łubek, Rafał Szymczyk & Anna Zalewska	105

- Dissoconium proteae* newly recorded from China Rong Zhang,
Yongna Mao, Lu Hao, Hongcai Chen, Guangyu Sun & Mark L. Gleason 119
- The fungal collection of the Jaiellonian University Herbarium (KRA),
Kraków, Poland Anna Maria Ociepa, Szymon Zubek & Piotr Mleczko 127
- Mycena pseudoinclinata*, new to Italy
Alfonso La Rosa, Alessandro Saitta, Riccardo Compagno, & Giuseppe Venturella 133
- Rossbeevera yunnanensis* (Boletaceae, Boletales), a new
sequesterate species from southern China
Takamichi Orihara, Matthew E. Smith, Zai-Wei Ge & Nitaro Maekawa 139
- Octaviania violascens*: a new sequesterate bolete
from Thailand Rattaket Choeyklin, Thitiya Boonpratuang,
Sujinda Sommai & Sayanh Somrithipol 149
- New records of cercosporoid hyphomycetes from Iran
Mahdi Pirnia, Rasoul Zare, Hamid R. Zamanizadeh & Akbar Khodaparast 157
- Phaeocollybia nigripes* (Agaricomycetes), a new species from Brazil
Victor R.M. Coimbra, Tatiana B. Gibertoni & Felipe Wartchow 171
- Peziza michelii* and its ectomycorrhizae with *Alnus nitida*
(Betulaceae) from Pakistan T. Ashraf, M. Hanif & A.N. Khalid 181
- Erysiphe javanica* sp. nov., a new tropical powdery mildew
from Indonesia Jamjan Meeboon, Iman Hidayat & Susumu Takamatsu 189
- Pisolithus*: A new species from southeast Asia and a new combination
C. Phosri, M.P. Martín, N. Suwannasai, P. Sihanonth & R. Watling 195
- Terriera simplex*, a new species of *Rhytismatales* from China
Xiao-Ming Gao, Chun-Tao Zheng & Ying-Ren Lin 209
- The *Leptogium juessianum* complex in southeastern Brazil
Marcos J. Kitaura & Marcelo P. Marcelli 215
- Coriopsis psila* comb. nov. (Agaricomycetes) and two new
Coriopsis records for Brazil Georgea S. Nogueira–Melo,
Priscila S. de Medeiros, Allyne C. Gomes–Silva, Leif Ryvardeen, Helen M.P. Sotão
& Tatiana B. Gibertoni 223
- A new species of *Postia* (Basidiomycota) from Northeast China
Bao-Kai Cui & Hai-Jiao Li 231
- Three new *Caeoma* species on *Rosa* spp. from Pakistan
N.S. Afshan, A.N. Khalid & A.R. Niazi 239
- Nomenclatural status and morphological notes on
Tubifera appianata sp. nov. (Myxomycetes) D.V. Leontyev & K.A. Fefelov 247
- Paralepistopsis* gen. nov. and *Paralepista*
(Basidiomycota, Agaricales) Alfredo Vizzini & Enrico Ercole 253
- Three new species of *Septobasidium* (Septobasidiaceae) from Hainan Province
in China Suzhen Chen & Lin Guo 269
- Characterization of the causal agent of poplar anthracnose occurring
in the Beijing region Zheng Li, Cheng Ming Tian & Ying Mei Liang 277

- Sympodioplanus yunnanensis*, a new aquatic species from
submerged decaying leaves Guang-Zhu Yang, Kai-Ping Lu, Yue Yang,
Li-Bo Ma, Min Qiao, KeQing Zhang & Ze-Fen Yu 287
- Phaeotrichoconis crotalariae*, endophytic on *Vitis labrusca*
Thaís Emanuelle Feijó de Lima, José Luíz Bezerra
& Maria Auxiliadora de Queiroz Cavalcanti 291
- Studies on *Wrightoporia* from China 1. A new species from Hunan Province,
South China Jia-jia Chen & Hai-You Yu 295
- A new species of *Bipolaris* from Iran Abdollah Ahmadpour,
Zeinab Heidarian, Maryam Donyadoost-Chelan,
Mohammad Javan-Nikkhah & Takao Tsukiboshi 301
- Notes on *Xylophallus xylogenus* (*Phallaceae*, *Agaricomycetes*)
based on Brazilian specimens
Larissa Trierveiler-Pereira & Rosa Mara Borges da Silveira 309
- Plectania seaveri* sp. nov. (*Ascomycota*, *Pezizales*), a new discomycete
from Bermuda Matteo Carbone, Carlo Agnello & Scott LaGreca 317
- New species of *Entoloma* (*Basidiomycetes*, *Agaricales*) from
Kerala State, India C.K. Pradeep, K.B. Vrinda, Shibu P. Varghese & T.J. Baroni 331
- A new species of *Infundichalara* from pine litter Ondřej Koukol 343
- Clavulicium hallenbergii*, a new corticioid species from India
Avneet P. Singh, Jaspreet Kaur & G.S. Dhingra 353
- Vararia longicystidiata* sp. nov. (*Agaricomycetes*) from India
Samita, S.K. Sanyal, G.S. Dhingra & Avneet P. Singh 357
- A new cystidiate variety of *Omphalina pyxidata* (*Basidiomycota*,
Tricholomatoid clade) from Italy Alfredo Vizzini,
Mariano Curti, Marco Contu & Enrico Ercole 361
- Four new records of *Aspergillus* sect. *Usti*
from Shandong Province, China Long Wang 373
- Systematics of the *Gomphales*: the genus *Gomphus* sensu stricto
Admir J. Giachini, Carla M. Camellini,
Marcio J. Rossi, Claudio R.F.S. Soares & James M. Trappe 385
- Myxomycetes from China 15: *Arcyria galericulata* sp. nov.
Bo Zhang, Tian-Hao Li, Qi Wang & Yu Li 401
- New records of *Puccinia* species on *Poaceae* from Pakistan
N.S. Afshan, A.N. Khalid & A.R. Niazi 407
- Lectotypification and characterization of the natural phenotype of
Fusarium bactridioides Keith A. Seifert & Tom Gräfenhan 415
- Lectotypification of *Crepidotus variabilis* var. *subsphaerosporus*
Soňa Jančovičová & Shaun R. Pennycook 423
- A new species of *Conidiobolus* (*Ancylistaceae*) from Anhui, China
Yong Nie, Cui-Zhu Yu, Xiao-Yong Liu & Bo Huang 427

- First record of the sequestrate fungus *Neosecotium macrosporum*
(*Agaricales*, *Lepiotaceae*) for Mexico Marcos Lizárraga,
Martín Esqueda, Mario Vargas-Luna & Gabriel Moreno 437
- New combinations in *Lactifluus*. 3. *L.* subgenera *Lactifluus* and *Piperati*
A. Verbeken, K. Van de Putte & E. De Crop 443
- Exobasidium ferrugineae* sp. nov., associated with hypertrophied flowers
of *Lyonia ferruginea* in the southeastern USA
Aaron H. Kennedy, Nisse A. Goldberg & Andrew M. Minnis 451
- Passalora aseptata*, a new cercosporoid fungus from
northeastern Uttar Pradesh, India Raghvendra Singh,
Balmukund Chaurasia, Kalawati Shukla & Parmatma Prasad Upadhyaya 461
- First records of *Craterium aureonucleatum*, *Perichaena quadrata*,
and *Physarum mutabile* in Italy Riccardo Compagno,
Alfonso La Rosa, & Giuseppe Venturella 465
- Tuber microsphaerosporum* and *Paradoxa sinensis* spp. nov.
Li Fan, Jin-Zhong Cao & Yu Li 471
- Entomophthoromycota*: a new phylum and reclassification
for entomophthoroid fungi Richard A. Humber 477
- Moniliophthora aurantiaca* sp. nov., a Polynesian species
occurring in littoral forests Bradley R. Kropp & Steven Albee-Scott 493
- ABSTRACTS OF NEW MYCOBIOTAS ONLINE
- Checklist of the Argentinean *Agaricales* 2.
Coprinaceae and *Strophariaceae* N. Niveiro & E. Albertó 505
- Checklist of the Argentinean *Agaricales* 3.
Bolbitiaceae and *Crepidotaceae* N. Niveiro & E. Albertó 505
- Preliminary checklist of the macromycetes from Collestrada
forest ecosystems in Perugia (Italy) Paola Angelini, Giancarlo Bistocchi,
Andrea Arcangeli & Roberto Venanzoni 505
- New, rare, and noteworthy lichens in the Pollino National Park
(Basilicata, southern Italy)
D. Puntillo, M. Puntillo, G. Potenza & S. Fascetti 506
- Saprobic fungi on wood and litter of *Alnus alnobetula* in the Swiss Alps
Beatrice Senn-Irlet, Rolf Mürner, Elia Martini, Nicolas Küffer,
Romano de Marchi & Guido Bieri 506
- NOMENCLATURE
- Nomenclatural novelties proposed in volume 120 507

ERRATA FROM PREVIOUS VOLUMES

VOLUME 119

- | | | |
|--------------------|--|--|
| p. 97, lines 37–38 | <i>for:</i> unpigmented lower two cells. | <i>read:</i> pigmented basal cell. |
| p. 411, line 15 | <i>for:</i> Korea Forest Institute | <i>read:</i> Korea Forest Research Institute |

PUBLICATION DATE FOR VOLUME ONE HUNDRED NINETEEN
MYCOTAXON *for* JANUARY–MARCH, VOLUME 119 (I–XII + 1–511)
was issued on April 11, 2012

REVIEWERS — VOLUME ONE HUNDRED TWENTY

The Editors express their appreciation to the following individuals who have, prior to acceptance for publication, reviewed one or more of the papers prepared for this volume.

Reinhard Agerer	Adriana Inés Hladki	Stephen W. Peterson
M. Catherine Aime	Kentaro Hosaka	Alan J.L. Phillips
Joe Ammirati	Peter Jeffries	Marcin Piątek
Vladimír Antonín	Mikael Jeppson	Donald H. Pfister
Takayuki Aoki	Alfredo Justo	Huzefa Raja
André Aptroot	Gintaras Kantvilas	Scott A. Redhead
Mohammad Bahram	Taiga Kasuya	Gerardo Lucio Robledo
Richard Baird	Bryce Kendrick	Andrea Irene Romero
Hans-Otto Baral	Paul M. Kirk	Amy Y. Rossman
Timothy J. Baroni	Roland Kirschner	James Scott
Reinhard Berndt	Henning Knudsen	Mark R.D. Seaward
Franco Umbertomaria	Richard P. Korf	Keith A. Seifert
Bersan	Hanns Kreisel	Hyeon-Dong Shin
Janusz Błaszowski	Carlos Lado	Ewald Sieverding
Wolfgang von Brackel	Teresa Lebel	Rosa Mara Bourges da
Uwe Braun	Bernardo E. Lechner	Silveira
Peter Buchanan	Xiao-Yong Liu	Takuya Sakoda
Lori M. Carris	Guozhong Lü	B.M. Sharma
Rafael F. Castañeda Ruiz	Quan Lü	Hyeon-Dong Shin
Michael A. Castellano	Robert Lücking	Joost A. Stalpers
Efren Cázares Gonzalez	Eric H.C. McKenzie	Brett Summerell
Pedro Crous	Alistair McTaggart	Guangyu Sun
Yu-Cheng Dai	Nelson Menolli, Jr.	Michal Tomšovský
Kanad Das	Andrew M. Minnis	Mauro Tretiach
Cvetomir M. Denchev	David W. Minter	Ricardo Valenzuela
Stephanos Diamandis	David W. Mitchell	Nicolas Van Vooren
Maria Martha Dios	Pierre-Arthur Moreau	Carlos G. Vélez
Pradeep K. Divakar	Gabriel Moreno	Else. C. Vellinga
Uno Eliasson	Jurga Motiejunaite	Annemieke Verbeken
John A. Elix	Edna Dora M.	Rytas Vilgalys
Francisco C.O. Freire	Newman Luz	Yu-Lian Wei
Walter Gams	Lorelei L. Norvell	Anthony J. S. Whalley
Laura Guzmán-Dávalos	Eduardo R. Nouhra	Zhu-Liang Yang
Nils Hallenberg	Clark L. Ovrebo	Ming Ye
Shuanghui He	Giovanni Pacioni	Hai-Sheng Yuan
Rosanne Healy	Omar Paíno Perdomo	Xiu-Guo Zhang
José R. Hernández	Ka-Lai Pang	Zhongyi Zhang
M. Luciana	Shaun R. Pennycook	
Hernandez Caffot	Ronald H. Petersen	

FOUR EASY STEPS TO SUCCESSFUL MYCOTAXON PUBLICATION IN 2012

Prospective MYCOTAXON authors should download instructions PDF, review and submission forms, and other helpful templates by clicking the 'file download page' link on our INSTRUCTIONS to AUTHORS page before preparing their manuscript. Below is a summary of our '4-step' publication process.

1—PEER REVIEW: Email formatted text and illustration files with a 2012 MYCOTAXON Reviewer Comments Form to 2–3 experts for peer review. Authors should (i) ask peer reviewers to return revisions and comment forms to BOTH authors and *Editor-in-Chief* <editor@mycotaxon.com> and (ii) revise the files according to reviewer suggestions **before** sending text files to the *Nomenclature Editor* for nomenclatural review.

2—NOMENCLATURAL REVIEW: Email text files (WITH tables & captions but NO artwork) to the *Nomenclature Editor* <PennycookS@LandcareResearch.co.nz> for accession and pre-submission review. The Email message **MUST** include 'MYCOTAXON' on the subject line AND all peer reviewer names+Email addresses in the message. The Nomenclature Editor will assign accession numbers and return annotated files with a list of needed corrections to the authors and *Editor-in-Chief*.

3—FINAL SUBMISSION: After again consulting experts and revising manuscripts as needed, send the (i) completed 2012 MYCOTAXON submission form; (ii) separate text files for main text, tables, and legends; and (iii) art files to the *Editor-in-Chief* <editor@mycotaxon.com>. Only text and image files prepared for immediate publication should be sent at this time. The *Editor-in-Chief* usually acknowledges manuscripts and thanks expert reviewers within two weeks, but please wait at least 14 days before sending a follow-up query (without attachments); this helps us keep Email traffic to a minimum during MYCOTAXON publication deadlines or temporary closures of the editorial office.

4—FINAL EDITORIAL REVIEW & PRESS PREPARATION: Files not ready for publication will be rejected or returned to authors for further revision; the *Editor-in-Chief* gives tentatively approved manuscripts a final grammatical and scientific review before converting all files into publishable format. The PDF proof, bibliographic citation, and nomenclatural entries are sent to all coauthors for final inspection prior to publication. After PDF conversion, the *Editor-in-Chief* corrects only processing or editorial errors prior to publication, but corrections of author errors are listed in the *Errata* of a subsequent volume for no charge. If authors have selected the open access option, they are asked to arrange payment of page charges with the *Business Manager* <subscriptions@mycotaxon.com> at this time.

MYCOTAXON LTD— www.mycotaxon.com

The MYCOTAXON *Webmaster* <mycotaxon@gmail.com> posts general and subscription information, important announcements, and author forms and templates on the official MYCOTAXON site, which also hosts the regional mycobiota webpage for free download of distributional annotated species lists.

MYCOTAXON ONLINE— www.ingentaconnect.com/content/mtax/mt

MYCOTAXON publishes four 500-page volumes a year. Both open access and subscription articles are offered.

FROM THE EDITORS

MYCOTAXON, DELAYS, AND 2012 — In 1973 Dick Korf and Gregoire Hennebert noted that taxonomic papers were unnecessarily delayed by traditional blind peer review and press processing. They developed MYCOTAXON to eliminate these frustrating bottlenecks by having authors select their own expert reviewers (thus directing the review pace) and prepare print ready copy. This innovative procedure was enthusiastically received. Papers were published quickly, usually within three months after submission, and MYCOTAXON established an enviable reputation for reliability and efficiency. Complaints, if any, focused on the ‘unprofessional’ appearance of the journal. Begun in the days of typewritten copy, the journal permitted each author to select their own style and formatting, resulting in a somewhat ‘haphazard’ appearance for each volume.

Nine years ago, our Editorial Advisory Committee suggested that ‘MYCOTAXON style’ move from oxymoron to reality. With authors more or less computer literate, the new *Editor-in-Chief* could require electronic submission and expand the ‘Instructions to Authors’ to set forth the new style and formatting requirements. Happily, by early 2005, all submissions arrived on the editorial desk via Email, except for an occasional illustration-heavy CD sent by regular post.

Adding our *Nomenclature Editor* in 2005 ensured thoroughly vetted nomenclature; with two editors revising each manuscript, fewer errors were published and most papers were published 3 to 6 months after final submission. Our impact factor rose steadily through 2011.

We still strive to process manuscripts and publish as speedily as possible. Unfortunately our speed and efficiency rest on a manageable number of manuscripts (~250 annually) & emails— and Shaun’s and my health. 2012 has brought a ‘perfect storm’ for delays – manuscripts pouring in at an accelerated rate and unexpected medical ‘issues’ for both Editors. The early April publication of MYCOTAXON 119 was followed by eye surgery and major orthopedic surgery for Shaun, worrying authors accustomed to nomenclatural reviews returned within 1–2 weeks (needlessly so, however, as all manuscripts are still processed in the order received). Shaun fortunately is now back at the nomenclatural desk and hard at work on the 70+ manuscripts that accumulated during his recuperations.

Understandably, my treatment of the cancer diagnosed in July HAS delayed this volume by three months, as I can no longer put in the 70–80 hours per week on Email and revising, reformatting, and processing manuscripts that I have since 2004. With my final reviews for MYCOTAXON 121 only now beginning, the July–September volume will also be late. Ever optimistic, however, I still hope that Mycotaxon 122 will be delayed only one month, (not three!). [I dream!]

We take this opportunity to thank our authors for their patience and understanding. We feel that MYCOTAXON remains the most comprehensive journal for fungal taxonomy and nomenclature. It should remain so for years to come and should arrive once more in a predictably timely fashion after resuming its normal schedule in 2013.

Warm regards,

LORELEI NORVELL (*Editor-in-Chief*) with
SHAUN PENNYCOOK (*Nomenclature Editor*)

22 September 2012

